

Karl CERTA

Systems & Infrastructure Engineer | Ops

✉ karl.certa@ik.me 📍 Relocating to Dublin - Mid June 2026 📄 karlcerta.fr 🌐 [kcta](https://www.linkedin.com/company/kcta) 🐙 [karl-cta](https://github.com/karl-cta)

Summary Infrastructure engineer with 5+ years managing Linux and Windows environments at scale (up to 600 servers). Hands-on with Terraform, Ansible, Docker across VMware and OpenStack platforms.

Experience

Team-iT Clermont-Ferrand, France
Ops Consultant Oct 2025 - Present
Almerys - French leader in health insurance & e-health

- Provisioned ~100 instances on OpenStack with Terraform (Nutanix-to-OpenStack migration)
- Refactored Ansible playbooks from RHEL 6 to Debian 12, integrating Vault and GitLab CI
- Deployed JBoss 5 in Docker containers for Java application delivery

Walden Digital Clermont-Ferrand, France
Systems & Network Administrator Dec 2023 - Oct 2025
~600 servers · 5 European sites · ~5,000 users

- Drove Terraform + Ansible adoption for VM provisioning on vSphere, cutting deployment time from hours to minutes
- Built a complete RDS farm from scratch (broker, gateway, session hosts) to deploy LabWare LIMS
- Created InfraCheck (PowerShell/PowerCLI GUI) to automate daily health checks replacing a ~2-hour manual process with a one-click report
- Zabbix dashboards, O365 admin panel (PowerShell). Daily collaboration in English with European teams

Assurance Maladie Clermont-Ferrand, France
Systems & Network Administrator Oct 2022 - Dec 2023
~30 servers · ~100 users · National healthcare programs

- PowerShell automation: weekly report distribution (targeted lists, logging, alerting)
- Deployed Apache Superset on Docker after standard install failed (PostgreSQL, Nginx, SSL, Oracle)
- GPO consolidation, ESXi deployment, vCenter integration

Groupe CEGI Clermont-Ferrand, France
Systems & Network Technician Dec 2020 - Oct 2022

- Provided remote multi-client support (hospitals, nonprofits, clinics) across system and application layers
- Managed AD, GPOs, SQL Server, IIS, Hyper-V, and RDS environments. Contributed to building a Hyper-V cluster + database + RDS architecture

Helpline Clermont-Ferrand, France
On-site Support Technician Mar 2019 - Dec 2019
Eramet / Aubert & Duval

- Rolled out 1,000+ workstations (Windows 7 to 10 migration) across 3 industrial sites. SCCM, ServiceNow
- Managed end-to-end process: user scheduling, data migration, application setup, onboarding to Windows 10

Movisafe Mexico City, Mexico
IT Support Technician Oct 2017 - Feb 2018
4-month international internship in Mexico City. IT support and security recommendations

Skills

DevOps & IaC Terraform, Ansible, Docker, Git, GitLab CI/CD, Vault, Nexus	Linux Debian, RHEL, Bash, LVM	Windows & M365 AD, GPO, RDS, IIS, DNS/DHCP, Entra ID, Exchange, Powershell
Virtualization VMware vSphere, Proxmox, OpenStack, Hyper-V, Veeam	Monitoring & ITSM Zabbix, Grafana, Centreon, ServiceNow, GLPI	Network & Security VLAN, Fortinet, Nginx, Fail2ban, OpenSSH

Education

AFPA Professional Title (EQF Level 5 - ~ Associate Degree)
IT Support Technician Beaumont, France • 2016 - 2017

Lycée Camille Claudel Professional Baccalaureate
Electronics & Digital Systems Clermont-Ferrand, France • 2012 - 2015

Personal Projects

Syspirit - IT Blog **Onyka**
Sysadmin, automation and self-hosting articles. Open-source, self-hosted note app.
<https://syspirit.fr> <https://onyka.app>

Languages

French Native	English Professional	Spanish Basic
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Interests **HomeLab & Self-Hosting** **Gaming** **Hardware** **Rubik's Cube** **Travel**